

Converting Colors

Yxy(64.0125, 0.3662, 0.3854)

Have a look what the booklet for
Yxy(64.0125, 0.3662, 0.3854)
contains.

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Color

Yxy(64.2041, 0.3667, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	E5D09D
RGB	229, 208, 157
RGB Percent	90%, 82%, 62%
CMY	0.1018, 0.1843, 0.3843
CMYK	0.00, 0.09, 0.31, 0.10
HSL	42°, 58%, 76%
HSV	42°, 31%, 90%
XYZ	60.9623, 64.2041, 41.0793
YIQ	208.4650, 28.8870, -11.4090

Conversions

Conversions Part 2

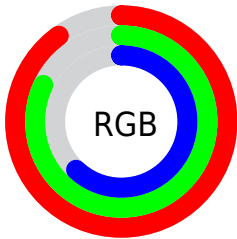
Format	Color
R _{YB}	187, 229, 157
Decimal	15061149
CIE Lab	84.07, -0.15, 28.02
CIE LCh	84, 28.022, 90.298
Yxy	64.2041, 0.3667, 0.3862
Android (android.graphics.Color)	4293251229 (0xFFE5D09D)
YUV	208.4650, -25.3722, 18.0092
Hunter-Lab	80.1275, -4.4173, 25.6927

Details

The Yxy color **64.2041, 0.3667, 0.3862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6846, 0.2601, 0.2642**, and the grayscale version is **63.5520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **33.0154, 0.3801, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **60.3034, 0.3863, 0.4045**, and if you desaturate by 10%, it is **68.3949, 0.3481, 0.3675**.

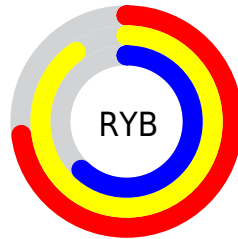
Distribution



Red (90%)

Green (82%)

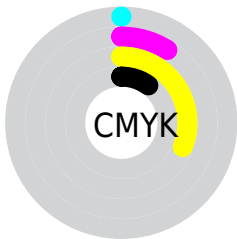
Blue (62%)



Red (73%)

Yellow (90%)

Blue (62%)

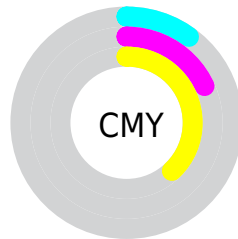


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2041, 0.3667, 0.3862 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.2041, 0.3667, 0.3862 by changing the saturation by 10% instead.


 64.2041, 0.3667,
0.3862


 64.2041, 0.3667,
0.3862


439.9263, 0.3414,
0.3594

 46.8160, 0.3725,
0.3923


 110.9048, 0.3579,
0.3769

 32.8902, 0.3796,
0.3999


 140.9862, 0.3545,
0.3732

 22.0424, 0.3886,
0.4094


176.0675, 0.3515,
0.3701

 13.8880, 0.4001,
0.4217

216.5331, 0.3490,
0.3674

 8.0428, 0.4153,
0.4378

262.7674, 0.3467,
0.3650

 4.1224, 0.4355,
0.4594

315.1548, 0.3447,

 1.7422, 0.4865,

0.3629

0.5135

374.0796, 0.3430,
0.3610

0.4508, 0.4852,
0.5148

0.0000, 0.0000,
0.0000

64.2041, 0.3667,
0.3862

64.2041, 0.3667,
0.3862

60.3034, 0.3863,
0.4045

68.3949, 0.3481,
0.3675

56.6741, 0.4063,
0.4215

72.8762, 0.3308,
0.3492

53.3083, 0.4260,
0.4362

77.6596, 0.3149,
0.3315

50.1944, 0.4445,
0.4475

82.7532, 0.3005,
0.3148

47.3189, 0.4608,
0.4543

87.0548, 0.2968,
0.3153

44.6661, 0.4742,
0.4562

91.0976, 0.2969,
0.3221

42.5533, 0.4834,
0.4544

95.2874, 0.2970,
0.3288

95.4031, 0.2970,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.2041, 0.3821, 0.3656



64.2041, 0.3667, 0.3862



64.2041, 0.3370, 0.3918

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2041, 0.3667, 0.3862



64.2041, 0.2515, 0.3146



64.2041, 0.3207, 0.2862

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.2041, 0.3667, 0.3862



44.6846, 0.2601, 0.2642

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2041, 0.2860, 0.2731



64.2041, 0.3667, 0.3862



64.2041, 0.2476, 0.2874

Square

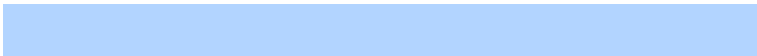
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2041, 0.3667, 0.3862



64.2041, 0.2709, 0.3486



64.2041, 0.2598, 0.2731



64.2041, 0.3550, 0.3092

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.2041, 0.3667, 0.3862



64.2041, 0.3136, 0.3848



64.2041, 0.2598, 0.2731



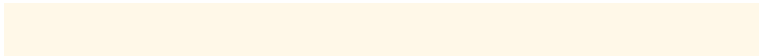
64.2041, 0.3087, 0.2806

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.2070, 0.3667, 0.3862



94.4068, 0.3268, 0.3448



44.0178, 0.3627, 0.3043



20.0198, 0.3292, 0.3475



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.2070, 0.3667, 0.3862



78.5060, 0.3799, 0.3987



72.8808, 0.3492, 0.4103



16.0688, 0.3275, 0.3456



24.5401, 0.4821, 0.4554



1.9719, 0.4708, 0.4644

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.6846, 0.2601, 0.2642



49.7860, 0.2476, 0.2475



38.4786, 0.2678, 0.2392



14.5696, 0.2981, 0.3119



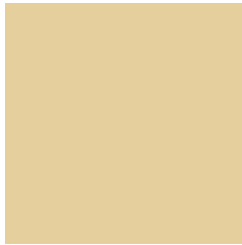
5.7023, 0.1606, 0.0983



0.5777, 0.1686, 0.1270

Previews

White Background



This preview shows how the Yxy color 64.2041, 0.3667, 0.3862 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.2041, 0.3667, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

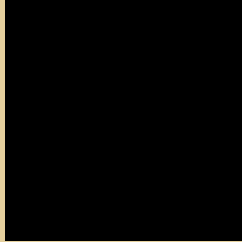
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

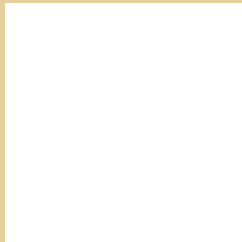
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2041, 0.3667, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 64.2041, 0.3667, 0.3862.



This preview shows how white text looks on a background with the Yxy color 64.2041, 0.3667, 0.3862.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.2041, 0.3667, 0.3862

Protanopia

64.0771, 0.3623, 0.3868

Deuteranopia

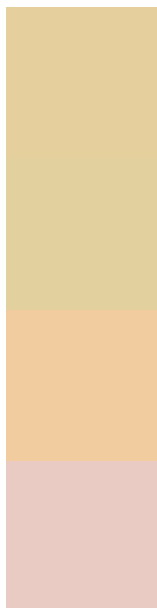
64.0161, 0.3832, 0.3750



Tritanopia

64.0993, 0.3291, 0.3119

Trichromacy



Original Color

64.2041, 0.3667, 0.3862

Protanomaly

64.2383, 0.3632, 0.3866

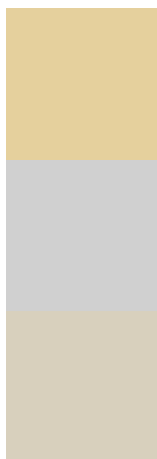
Deuteranomaly

64.1796, 0.3763, 0.3792

Tritanomaly

63.9756, 0.3423, 0.3379

Monochromacy



Original Color

64.2041, 0.3667, 0.3862

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3848, 0.3325, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2041, 0.3667, 0.3862 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 208, 157)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 208, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 157) }
```

Border

The CSS property to change the border of an element to Yxy 64.2041, 0.3667, 0.3862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 208, 157) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(229, 208, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(229, 208, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2041, 0.3667, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
208, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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